PI 561401 to 561403-continued

PI 561403 **origin:** United States. **developed:** J.W. Burton, W.V Campbell, S.V. Hart, J.P. Ross, C.A. Brim, P.A. Miller. **origin institute:** Agricultural Research Service -- USDA, Soybean Production Research, Stoneville, Mississippi United States. **cultivar:** N80-50232. **pedigree:** F7 line of Group VII maturity derived from the first backcross of line 6 to Forrest. **other id:** GP-71. **source:** Crop Sci. 26(1):212 1986. **group:** CSR-SOYBEAN. **remarks:** Had 61 & 58% less foliar feeding than Forrest under field infestations of corn earworm (CEW) & Mexican bean beetle (MBB), respectively. Level of feeding not significantly different from resistance source PI 229358. CEW larvae caged had 55% lower 14th day larvae weights than larvae caged on Forrest. MBB larvae required 5 more days to reach pupation & had pupae that were 25% lower in weight than those reared on Forrest. Rated 56% lower than Braxton check for feeding by soybean looper. Yield average was 2013 kg/ha compared to 2413 kg/ha for Braxton. Breeding Material. Seed.

PI 561404 to 561408. Glycine max (L.) Merr. FABACEAE Soybean

Donated by: Agricultural Research Service -- USDA, United States; **and** Purdue Univ. Agr. Exp. Sta.. Received May 04, 1992.

PI 561404 **origin:** United States. **developed:** C.S. Davies, N.C. Nielsen. **origin institute:** Agricultural Research Service -- USDA United States. **cultivar:** L1-5. **pedigree:** 'Century' (Lx1Lx1Lx2Lx2Lx3Lx3) X PI 408251 (Lx1Lx1Lx2Lx2Lx3Lx3) (1). Original crosses were followed by five backcrosses to Century. Increased by selfing the progeny from a single F2 seed of known phenotype. **other id:** GP-93. **source:** Crop Sci. 27(2):370 1987. **group:** CSR-SOYBEAN. **remarks:** Early backcross generations were selected for conformity to Century plant-type, maturity and phenotypic marker genes T, W, g, R, and i (4). No obvious visual differences between Century plants and single plants. Seeds increased in the field at both West Lafayette and Puerto Rico. May contain 1-4% wild-type alleles due to outcrossing. Breeding Material. Seed.